

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/25/05

Date Received: 10/06/05

Project: Metro Self Monitor, PO# M97151, F&BI 510041

Date Extracted: 10/18/05

Date Analyzed: 10/18/05

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL METALS
BY EPA METHOD 200.8**

Results Reported as µg/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M97151 510041-01	390	470	510	57
Method Blank	<20	<20	<20	<20

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QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS BY EPA METHOD 200.8

Laboratory Code: 510131-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	RPD (Limit 20)
Chromium	µg/L (ppb)	710	670	6	0-20
Copper	µg/L (ppb)	740	740	0	0-20
Nickel	µg/L (ppb)	880	890	1	0-20
Zinc	µg/L (ppb)	64	65	2	0-20

Laboratory Code: 510131-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Control Limits
Chromium	µg/L (ppb)	20	710	ai	50-150
Copper	µg/L (ppb)	25	740	ai	50-150
Nickel	µg/L (ppb)	25	880	ai	50-150
Zinc	µg/L (ppb)	50	64	92	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	µg/L (ppb)	20	112	70-130
Copper	µg/L (ppb)	25	129	70-130
Nickel	µg/L (ppb)	25	129	70-130
Zinc	µg/L (ppb)	50	98	70-130

ai - The amount spiked was insufficient to give meaningful recovery data.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

October 25, 2005

DUPLICATE COPY

INVOICE # 05ACU1025-2

Accounts Payable
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M97151, F&BI 510041 - Results of testing
requested by Gerry Thompson for material submitted on October 6, 2005.

1 sample analyzed for Total Chromium, Copper, Nickel and Zinc by Method 200.8 @ \$80 per sample	\$ 80.00
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Amount Due	\$ 80.00
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FEDERAL TAX ID # (b) (6)

510041

SAMPLE CHAIN OF CUSTODY

CM 10/6/05

AI 4

Send Report To

Gerald Thompson

Company

Alaskan Copper Works

Address

628 S. Harbor St

City, State, ZIP

Seattle WA 98134

Phone #

206-382-8379

Fax #

206-382-4309

SAMPLERS (Signature)

PROJECT NAME/NO.

METRO SELF monitor

PO #

M97151

REMARKS

Page # of

TURNAROUND TIME

☐ Standard (2 Weeks)☐ RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

☐ Dispose after 30 days☐ Return samples☐ Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED										Notes				
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS									
M 97151	01	10/6/05	12:30	H2O	1								X	Cyano 22						

Friedman & Bruya, Inc.
3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COC\COC.DOC

SIGNATURE

Relinquished by:

Received by:

Relinquished by:

Received by:

PRINT NAME

Gerald Thompson

Nhan Phan

COMPANY

Aew

FBI

DATE

10/6/05

10/6/05

TIME

1:10pm

1:10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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October 25, 2005

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

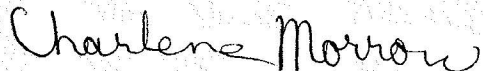
Dear Mr. Thompson:

Included are the results from the testing of material submitted on October 6, 2005 from the Metro Self Monitor, PO# M97151, F&BI 510041 project. There are 2 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Charlene Morrow
Chemist

Enclosures
ACU1025R.DOC